

ABSTRACT OF THE DISCLOSURE

A data processing system used for a net-order sale or the like includes a host apparatus connectable to a terminal apparatus via a network. The host apparatus includes a database in which cryptographic keys are registered in being caused to correspond to user IDs. The cryptographic keys are caused to be related in a one-to-one manner to appliance manufacture numbers of domestic electrical apparatuses onto which terminal apparatuses are integrated. The host apparatus retrieves, from the database, a cryptographic key corresponding to a user ID that accompanies a transaction request from the terminal apparatus. Using the retrieved cryptographic key, the host apparatus performs encryption/decryption processings of information data transmitted/received between the terminal apparatus and the host apparatus. Information having a one-to-one correspondence relationship with the appliance manufacture number of the domestic electrical apparatus is utilized as the whole of the cryptographic key.

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